

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/03862

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N9/02 C12P7/40 C12P7/60 C12P17/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | EP 0 790 301 A (HOFFMANN LA ROCHE) 20 August 1997 (1997-08-20) the whole document --- | 1-13 |
| X | SAITO Y ET AL: "Direct fermentation of 2-Keto-L-gulonic acid in recombinant Gluconobacter oxydans" BIOTECHNOLOGY AND BIOENGINEERING. INCLUDING: SYMPOSIUM BIOTECHNOLOGY IN ENERGY PRODUCTION AND CONSERVATION, JOHN WILEY & SONS. NEW YORK, US, vol. 58, no. 2-3, 20 April 1998 (1998-04-20), pages 309-315, XP002204789 ISSN: 0006-3592 the whole document --- -/-- | 1,2,5-7, 10-13 |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

12 August 2003

Date of mailing of the international search report

22/08/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| A | EP 0 922 759 A (HOFFMANN LA ROCHE) 16 June 1999 (1999-06-16) the whole document ----- | 1-13 |

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Information on patent family members

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